

## QUERY CONTROL FORM

## RTIS USE ONLY

Application No. 10/681,670Prepared by Lois StoneTracking Number 5909007Examiner-GAU Chiesa - 1724Date 5/21/04Week Date 2/23/04No. of queries 1

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## JACKET

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|----------------------|------------------------|--------------------|--------------------|
| a. Serial No.        | f. Foreign Priority    | k. Print Claim(s)  | <u>p. PTO-1449</u> |
| b. Applicant(s)      | g. Disclaimer          | l. Print Fig.      | q. PTOL-85b        |
| c. Continuing Data   | h. Microfiche Appendix | m. Searched Column | r. Abstract        |
| d. PCT               | i. Title               | n. PTO-270/328     | s. Sheets/Figs     |
| e. Domestic Priority | j. Claims Allowed      | o. PTO-892         | t. Other           |

## SPECIFICATION

- a. Page Missing
- b. Text Continuity
- c. Holes through Data
- d. Other Missing Text
- e. Illegible Text
- f. Duplicate Text
- g. Brief Description
- h. Sequence Listing
- i. Appendix
- j. Amendments
- k. Other

## CLAIMS

- a. Claim(s) Missing
- b. Improper Dependency
- c. Duplicate Numbers
- d. Incorrect Numbering
- e. Index Disagrees
- f. Punctuation
- g. Amendments
- h. Bracketing
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- j. Duplicate Text
- k. Other

## MESSAGE

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## RESPONSE

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|                                                                              |  |                             |                                   |                               |
|------------------------------------------------------------------------------|--|-----------------------------|-----------------------------------|-------------------------------|
| Substitute form PTO-1449<br>(Modified)                                       |  | U.S. Department of Commerce | Attorney Docket No.<br>53205US020 | Application No.<br>10/681,670 |
| INFORMATION DISCLOSURE STATEMENT BY<br>APPLICANT<br><br>(37 C.F.R. §1.98(b)) |  |                             | Applicant<br>Marvin Jones et al.  |                               |
|                                                                              |  |                             | Filing Date<br>October 7, 2003    | Group Art Unit                |

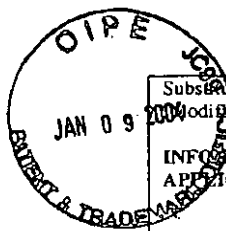
| U.S. PATENT DOCUMENTS |      |               |            |                |       |              |                               |
|-----------------------|------|---------------|------------|----------------|-------|--------------|-------------------------------|
| Examiner<br>Initials  | I.D. | Patent Number | Issue Date | Patentee       | Class | Sub<br>Class | Filing Date if<br>Appropriate |
|                       | AA   | 6,526,112     | 05-2003    | Jones et al.   |       |              |                               |
|                       | AB   | 6,660,210     | 12/09/03   | Jones et al.   |       |              |                               |
|                       | AC   | 6,454,986     | 09/24/02   | Eitzman et al. | 264   | 442          |                               |
|                       | AD   | 6,432,175     | 08/13/02   | Jones et al.   | 96    | 15           |                               |
|                       | AE   | 6,419,871     | 07-2002    | Ogale          | 264   | 423          |                               |
|                       | AF   | 6,409,806     | 06/25/02   | Jones et al.   | 96    | 15           |                               |
|                       | AG   | 6,406,657     | 06/18/02   | Eitzman et al. | 264   | 340          |                               |
|                       | AH   | 6,398,847     | 6/04/02    | Jones et al.   | 95    | 57           |                               |
|                       | AI   | 6,397,458     | 06/04/02   | Jones et al.   | 29    | 825          |                               |

| FOREIGN PATENT DOCUMENTS OR PUBLISHED FOREIGN PATENT<br>APPLICATIONS |    |                 |                     |                             |       |              |             |    |
|----------------------------------------------------------------------|----|-----------------|---------------------|-----------------------------|-------|--------------|-------------|----|
| Examiner<br>Initials                                                 | ID | Document Number | Publication<br>Date | Country or<br>Patent Office | Class | Sub<br>Class | Translation |    |
|                                                                      |    |                 |                     |                             |       |              | Yes         | No |
|                                                                      | AL | EP 0 850 692 A1 | 07/01/98            | EPO                         |       |              |             |    |
|                                                                      | AM | EP 0 616 831 A1 | 09/28/94            | EPO                         |       |              |             |    |
|                                                                      | AN | EP 0 615 007 A1 | 09/14/94            | EPO                         |       |              | X           |    |
|                                                                      | AO | EP WO 98/58117  | 12/23/98            | PCT                         |       |              |             |    |

| OTHER DOCUMENTS (INCLUDE AUTHOR, TITLE, DATE AND PLACE OF<br>PUBLICATION) |    |                                                                                                                                                                 |
|---------------------------------------------------------------------------|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Examin<br>er<br>Initials                                                  | ID | Document                                                                                                                                                        |
|                                                                           | AP | Strobel, Mark, et al., "Plasma Fluorination of Polyolefins," Journal of Polymer Science: Part A: Polymer Chemistry, Vol. 25, 1295-1307 (1987).                  |
|                                                                           | AQ | Chudleigh, P.W., "Mechanism of Charge Transfer to a Polymer Surface by a Conducting Liquid Contact," Journal of Applied Physics, Vol. 47, No. 10, October 1976. |
|                                                                           | AR | Chudleigh, P.W., "Charging of Polymer Foils Using Liquid Contacts," Appl. Phys. Lett., Vol. 21, No. 11, December 1, 1972.                                       |

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Examiner Signature                                                                                                                                                          | Date Considered |
| EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |

Substitute Disclosure form (PTO-1449)



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|------------------------------------------------------------------------------|--|-----------------------------|--|-----------------------------------|-------------------------------|
| Substitute form PTO-1449<br>(modified)                                       |  | U.S. Department of Commerce |  | Attorney Docket No.<br>53205US020 | Application No.<br>10/681,670 |
| <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b><br>(37 C.F.R. §1.98(b)) |  |                             |  | Applicant<br>Marvin Jones et al.  |                               |
|                                                                              |  |                             |  | Filing Date<br>October 7, 2003    | Group Art Unit                |

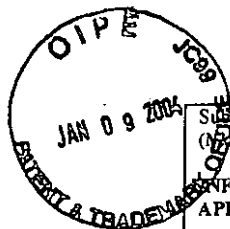
| U.S. PATENT DOCUMENTS |      |               |            |                    |       |           |                            |
|-----------------------|------|---------------|------------|--------------------|-------|-----------|----------------------------|
| Examiner Initials     | I.D. | Patent Number | Issue Date | Patentee           | Class | Sub Class | Filing Date if Appropriate |
|                       | BA   | 6,375,886     | 04/23/02   | Angadjivand et al. | 264   | 460       |                            |
|                       | BB   | 6,319,452     | 11/17/01   | Rousseau et al.    | 264   | 464       |                            |
|                       | BC   | 6,268,495     | 07/31/01   | Rousseau et al.    | 544   | 197       |                            |
|                       | BD   | 6,261,342     | 07/17/01   | Rousseau et al.    | 95    | 59        |                            |
|                       | BE   | 6,238,466     | 05/29/01   | Rousseau et al.    | 95    | 15        |                            |
|                       | BF   | 6,237,595     | 05/29/01   | Rousseau et al.    | 128   | 206.19    |                            |
|                       | BG   | 6,231,122     | 04/10/01   | Rousseau et al.    | 128   | 206.19    |                            |
|                       | BH   | 6,214,094     | 04/10/01   | Rousseau et al.    | 96    | 15        |                            |
|                       | BI   | 6,123,752     | 09-2000    | Wu et al.          | 96    | 69        |                            |
|                       | BJ   | 6,119,691     | 09/19/00   | Angadjivand et al. | 128   | 206.19    |                            |
|                       | BK   |               |            |                    |       |           |                            |

| FOREIGN PATENT DOCUMENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS |    |                 |                  |                          |       |           |             |    |
|-------------------------------------------------------------------|----|-----------------|------------------|--------------------------|-------|-----------|-------------|----|
| Examiner Initials                                                 | ID | Document Number | Publication Date | Country or Patent Office | Class | Sub Class | Translation |    |
|                                                                   |    |                 |                  |                          |       |           | Yes         | No |
|                                                                   | BL | WO 97/07272     | 02/27/97         | PCT                      |       |           |             |    |
|                                                                   | BM | WO 96/26783     | 09/06/96         | PCT                      |       |           |             |    |
|                                                                   | BN | 60-15137        | 04/17/85         | Japan                    |       |           |             |    |
|                                                                   | BO | 60-947          | 04/18/80         | Japan                    |       |           |             |    |

| OTHER DOCUMENTS (INCLUDE AUTHOR, TITLE, DATE AND PLACE OF PUBLICATION) |    |                                                                                                                                                                                 |
|------------------------------------------------------------------------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Examiner Initials                                                      | ID | Document                                                                                                                                                                        |
|                                                                        | BP | Yatsuzuka, Kyoko, et al., "Electrification of Polymer Surface Caused by Sliding Ultrapure Water," IEEE Transactions on Industry Applications, Vol. 32, No. 4, July/August 1996. |
|                                                                        | BQ | Wente, "Superfine Thermoplastic Fibers," Industrial and Engineering Chemistry, 48(8):1342-46 (1956).                                                                            |

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| (37 C.F.R. §1.98(b))                             |  |                             |  | Filing Date<br>October 7, 2003    |  | Group Art Unit                |  |

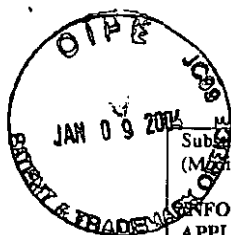
| U.S. PATENT DOCUMENTS |      |               |            |                 |       |           |                            |
|-----------------------|------|---------------|------------|-----------------|-------|-----------|----------------------------|
| Examiner Initials     | I.D. | Patent Number | Issue Date | Patentee        | Class | Sub Class | Filing Date if Appropriate |
|                       | CA   | 6,068,799     | 05/30/00   | Rousseau et al. | 264   | 6         |                            |
|                       | CB   | 6,002,017     | 12/14/99   | Rousseau et al. | 548   | 451       |                            |
|                       | CC   | 5,976,208     | 11/02/99   | Rousseau et al. | 55    | 385.3     |                            |
|                       | CD   | 5,968,635     | 10/19/99   | Rousseau et al. | 428   | 198       |                            |
|                       | CE   | 5964926       | 10-1999    | Cohen           | 96    | 15        |                            |
|                       | CF   | 5,935,303     | 08/10/99   | Kimura          | 96    | 69        |                            |
|                       | CG   | 5,919,847     | 07/06/99   | Rousseau et al. | 524   | 89        |                            |
|                       | CH   | 5,908,598     | 06/01/99   | Rousseau et al. | 264   | 344       |                            |
|                       | CI   | 5,830,810     | 11-1998    | Cohen           | 442   | 110       |                            |
|                       | CJ   | 5,759,205     | 06/02/98   | Valentini       | 623   | 16        |                            |
|                       | CK   | 5,645,627     | 07/08/97   | Lifshutz et al. | 96    | 15        |                            |
|                       | CL   | 5,643,525     | 07/01/97   | McGinty et al.  | 264   | 469       |                            |

| FOREIGN PATENT DOCUMENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS |    |                 |                  |                          |       |           |             |    |
|-------------------------------------------------------------------|----|-----------------|------------------|--------------------------|-------|-----------|-------------|----|
| Examiner Initials                                                 | ID | Document Number | Publication Date | Country or Patent Office | Class | Sub Class | Translation |    |
|                                                                   |    |                 |                  |                          |       |           | Yes         | No |
|                                                                   | CM | 8-57225         |                  | Japan                    |       |           | X           |    |
|                                                                   | CN | 1-232038        | 09/18/89         | Japan                    |       |           | X           |    |
|                                                                   | CO | GB 2060259 A    |                  | UK                       |       |           |             |    |

| OTHER DOCUMENTS (INCLUDE AUTHOR, TITLE, DATE AND PLACE OF PUBLICATION) |    |                                                                                                                                                                                |
|------------------------------------------------------------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Examiner Initials                                                      | ID | Document                                                                                                                                                                       |
|                                                                        | CP | U.S. Patent Application Serial No. 09/111,833                                                                                                                                  |
|                                                                        | CQ | Supplemental Information Disclosure Statement (2 pages); Exhibit A, Transweb LLC-Racal Filter Technologies, Inc. Agreement (3 pages), Exhibit B (2 pages), Exhibit C (1 page). |

|                                                                                                                                                                             |                 |
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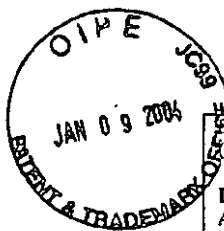
| U.S. PATENT DOCUMENTS |      |               |            |                    |       |           |                            |
|-----------------------|------|---------------|------------|--------------------|-------|-----------|----------------------------|
| Examiner Initials     | I.D. | Patent Number | Issue Date | Patentee           | Class | Sub Class | Filing Date if Appropriate |
|                       | DA   | 5,558,809     | 09/24/96   | Groh et al.        | 252   | 62.54     |                            |
|                       | DB   | 5,554,722     | 09/10/96   | Eichenauer et al.  | 528   | 340       |                            |
|                       | DC   | 5,496,507     | 03/05/96   | Angadjivand et al. | 264   | 423       |                            |
|                       | DD   | 5,472,481     | 12/05/95   | Jones et al.       | 96    | 15        |                            |
|                       | DE   | 5,437,900     | 08/01/95   | Kuzowski           | 428   | 36.1      |                            |
|                       | DF   | 5,411,576     | 05/02/95   | Jones et al.       | 95    | 57        |                            |
|                       | DG   | 5,370,830     | 12/06/94   | Jameson et al.     | 264   | 23        |                            |
|                       | DH   | 5,304,227     | 04/19/94   | Matsura et al.     | 55    | 524       |                            |
|                       | DI   | 5,244,780     | 09/14/93   | Strobel et al.     | 430   | 535       |                            |
|                       | DJ   | 5,110,620     | 05/05/92   | Tani et al.        |       |           |                            |
|                       | DK   | 5,099,026     | 03/24/92   | Crater et al.      |       |           |                            |
|                       | DL   | 5,057,710     | 10/15/91   | Nishiura et al.    | 307   | 400       |                            |
|                       | DM   | 5,025,052     | 06/18/91   | Crater et al.      |       |           |                            |

| FOREIGN PATENT DOCUMENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS |    |                 |                  |                          |       |           |             |    |
|-------------------------------------------------------------------|----|-----------------|------------------|--------------------------|-------|-----------|-------------|----|
| Examiner Initials                                                 | ID | Document Number | Publication Date | Country or Patent Office | Class | Sub Class | Translation |    |
|                                                                   |    |                 |                  |                          |       |           | Yes         | No |
|                                                                   | DN | 05-253416       |                  | Japan                    |       |           | X           |    |
|                                                                   | DO |                 |                  |                          |       |           |             |    |
|                                                                   | DP |                 |                  |                          |       |           |             |    |
|                                                                   | DQ |                 |                  |                          |       |           |             |    |

| OTHER DOCUMENTS (INCLUDE AUTHOR, TITLE, DATE AND PLACE OF PUBLICATION) |    |          |
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| Examiner Initials                                                      | ID | Document |
|                                                                        | DP |          |
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Substitute Disclosure form (PTO-1449)

Sheet 5 of 6

|                                                                              |                             |                                   |                               |
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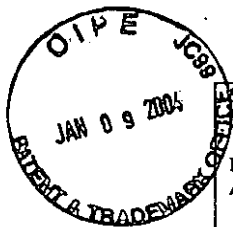
| U.S. PATENT DOCUMENTS |      |               |            |                  |       |           |                            |
|-----------------------|------|---------------|------------|------------------|-------|-----------|----------------------------|
| Examiner Initials     | I.D. | Patent Number | Issue Date | Patentee         | Class | Sub Class | Filing Date if Appropriate |
|                       | EA   | 4,874,659     | 10/17/89   | Ando et al.      |       |           |                            |
|                       | EB   | 4,874,399     | 10/17/89   | Reed et al.      |       |           |                            |
|                       | EC   | 4,798,850     | 01/17/89   | Brown            |       |           |                            |
|                       | ED   | 4,789,504     | 12/06/88   | Ohmori et al.    |       |           |                            |
|                       | EE   | 4,652,282     | 03/24/87   | Ohmori et al.    |       |           |                            |
|                       | EF   | 4,592,815     | 06/03/86   | Nakao            |       |           |                            |
|                       | EG   | 4,588,537     | 05/13/86   | Klasse et al.    |       |           |                            |
|                       | EH   | 4,527,218     | 07/02/88   | Von Seggern      |       |           |                            |
|                       | EI   | 4,407,852     | 10/04/83   | Sapieha et al.   |       |           |                            |
|                       | EJ   | 4,375,718     | 03/08/83   | Wadsworth et al. |       |           |                            |
|                       | EK   | 4,288,584     | 09/08/81   | Mishra           |       |           |                            |
|                       | EL   | 4,215,682     | 08/05/80   | Kubik et al.     |       |           |                            |

| FOREIGN PATENT DOCUMENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS |    |                 |                  |                          |       |           |             |    |
|-------------------------------------------------------------------|----|-----------------|------------------|--------------------------|-------|-----------|-------------|----|
| Examiner Initials                                                 | ID | Document Number | Publication Date | Country or Patent Office | Class | Sub Class | Translation |    |
|                                                                   |    |                 |                  |                          |       |           | Yes         | No |
|                                                                   | EM |                 |                  |                          |       |           |             |    |
|                                                                   | EN |                 |                  |                          |       |           |             |    |
|                                                                   | EO |                 |                  |                          |       |           |             |    |

| OTHER DOCUMENTS (INCLUDE AUTHOR, TITLE, DATE AND PLACE OF PUBLICATION) |    |          |
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| Examiner Initials                                                      | ID | Document |
|                                                                        | EP |          |
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| Examiner Signature                                                                                                                                                          | Date Considered |
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|                                                                              |                             | Filing Date<br>October 7, 2003    | Group Art Unit                |

## U.S. PATENT DOCUMENTS

| Examiner<br>Initials | I.D. | Patent Number | Issue Date | Patentee        | Class | Sub<br>Class | Filing Date if<br>Appropriate |
|----------------------|------|---------------|------------|-----------------|-------|--------------|-------------------------------|
|                      | FA   | 4,118,531     | 10/03/78   | Hauser          |       |              |                               |
|                      | FB   | 4,043,331     | 08/23/77   | Martin et al.   |       |              |                               |
|                      | FC   | 3,994,258     | 11/30/76   | Simm            |       |              |                               |
|                      | FD   | Re 32,171     | 06/03/86   | Van<br>Turnhout |       |              |                               |
|                      | FE   | Re 31,285     | 06/21/83   | Van<br>Turnhout |       |              |                               |
|                      | FF   | Re 30,782     | 10/27/81   | Van<br>Turnhout |       |              |                               |
|                      | FG   |               |            |                 |       |              |                               |
|                      | FH   |               |            |                 |       |              |                               |
|                      | FI   |               |            |                 |       |              |                               |
|                      | FJ   |               |            |                 |       |              |                               |
|                      | FK   |               |            |                 |       |              |                               |

FOREIGN PATENT DOCUMENTS OR PUBLISHED FOREIGN PATENT  
APPLICATIONS

| Examiner<br>Initials | ID | Document<br>Number | Publication<br>Date | Country or<br>Patent Office | Class | Sub<br>Class | Translation |    |
|----------------------|----|--------------------|---------------------|-----------------------------|-------|--------------|-------------|----|
|                      |    |                    |                     |                             |       |              | Yes         | No |
|                      | FL |                    |                     |                             |       |              |             |    |
|                      | FM |                    |                     |                             |       |              |             |    |
|                      | FN |                    |                     |                             |       |              |             |    |
|                      | FO |                    |                     |                             |       |              |             |    |

OTHER DOCUMENTS (INCLUDE AUTHOR, TITLE, DATE AND PLACE OF  
PUBLICATION)

| Examiner<br>Initials | ID | Document |
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